IAP3 Rec'd PCT/PTO 01 FEB 2006

Substitute for Form PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER	
1034281-000004	
U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	
10/566680	
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/FI2004/000456	16 July 2004	12 August 2003

TITLE OF INVENTION

METHOD FOR THE REMOVAL OF MERCURY FROM SULPHURIC ACID WITH THIOSULPHATE PRECIPITATION

APPLICANT(S) FOR DO/EO/US

Dag BERG, Jens NYBERG, Aija RYTIOJA, Helja PELTOLA and Pekka TASKINEN`

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission to items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
   a. ☒ is attached hereto (required only if not communicated by the International Bureau).
   b. ☐ has been communicated by the International Bureau.
   c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
   a. ☐ is attached hereto.
   b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
   a. ☐ are attached hereto (required only if not communicated by the International Bureau).
   b. ☐ have been communicated by the International Bureau.
   c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
   d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 21 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Application Data Sheet; General Authorization for Petitions for Extension of Time and Fees; Form PCT/IB/308.

IAP20 Rec'd PCT/PTO 01 FEB 2006

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/756688	PCT/FI2004/000456	1034281-000004

21. ☒ Applicant(s) requests that the published application include the following assignment information: OUTOKUMPU TECHNOLOGY OY, Espoo, Finland.

22. ☒ The following fees are submitted:

CALCULATIONS PTO USE ONLY

Basic Filing Fee (1631)					$ 300.00	
Surcharge of **$130.00 (1617)** for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).						
CLAIMS	NUMBER FILED		NUMBER EXTRA	RATE	$	
Total Claims	7	-20 =	0	x $50.00 (1615)	$ 0.00	
Independent Claims	1	- 3 =	0	x $200.00 (1614)	$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ $360.00 (1616)		
Examination Fee				+ $200.00 (1633)	$ 200.00	
Search Fee				+ $400.00 (1632)	$ 400.00	
App. Size Fee (add $250.00 for each add'l 50 sheets exceeding 100 sheets)						
TOTAL OF ABOVE CALCULATIONS					$ 900.00	
☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				+	$ 0.00	
SUBTOTAL =					$ 900.00	
Processing fee of **$130.00 (1618)** for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					$ 0.00	
TOTAL NATIONAL FEE =					$ 900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **$40.00 (8021)** per property +						
TOTAL FEES ENCLOSED =					$ 900.00	
					Amount to be refunded :	
					charged :	

a. ☐ A check in the amount of _____ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. **02-4800** in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **02-4800**. A duplicate copy of this sheet is enclosed.

d. ☒ Charge $ 900.00 to credit card. Form PTO-2038 is attached.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Buchanan Ingersoll PC
Including attorneys from Burns, Doane, Swecker & Mathis
P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

Robert G. Mukai
SIGNATURE

Robert G. Mukai
NAME

28,531 — REGISTRATION NO.

February 1, 2006 — DATE